



Product description:

FPKu-EL-F-H0 is a light duty straight length special plastic conduit, in grey (RAL 7035), non-flame propagating, in lengths of 3 m, one pre-moulded coupling.

This straight length plastic conduit is used for exposed installations in environments requiring light compressive and mechanical strength. An advantage is that it does not contain halogens which avoids the formation of dangerous toxic and corrosive gases.



VDE 0605
DIN EN 61386-21
100 % zero halogen according to DIN VDE V 0604-2-100
minimum compressive strength: 320 N/5 cm



Cat. No.:	Type	Inside Ø mm	Outside Ø mm	Content	PU	Weight PU/kg	Pallet content m
231 10 016	16	13,5	16	111	m	6,327	7.992
231 10 020	20	17,4	20	111	m	8,547	4.995
231 10 025	25	22,4	25	57	m	5,643	3.135
231 10 032	32	28,9	32	57	m	8,436	2.052
231 10 040	40	36,8	40	21	m	3,990	1.407
231 10 050	50	46,1	50	21	m	6,510	798
231 10 063	63	58,8	63	21	m	7,980	504

Classification	Code	Meaning	Classification	Code	Meaning
Compressive strength	2	light (320 N)	Protection against solids	4	Foreign matter >= 1.0 mm
Impact strength	2	light (1.0 kg/100 mm)	Protection against water	0	Not specified
Minimum temperature	5	- 45 °C	Corrosion protection	0	Not specified
Maximum temperature	2	+ 90 °C	Tensile strength	0	Not defined
Bending behaviour	1	rigid	Fire behaviour	1	Non flame propagating
Electrical characteristics	2	Insulation	Suspended load	0	Not defined

Standardisation

EN 61386-1:2009 Conduit systems for cable management - Part 1: General requirements / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

EN 61386-21:2011 Conduit systems for cable management - Part 21: Particular requirements - Rigid conduit systems / Source: Official Journal of the European Union of 16 May 2014 / Applied in full

Outside diameter according to DIN EN 60423 / IEC 60423

All dimensions without tolerances are for information only.

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Subject to change without notice.

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Material properties		Fields of application	
Zero halogen	DIN VDE V 0604-2-100	• on plaster	• machines
Low smoke	DIN EN 61034-2	under plaster	• hot asphalt
Non-flame propagating	DIN EN 61386-1	• on wood	• under screed
UV-resistant	DIN 53387	underground installation	prefabricated construction
Highspeed		in concrete	• outdoor

Chemical properties	
Resistant to	liquid ammonia, gaseous ammonia, gaseous dry chlorine, photographic developer, vinegar (wine vinegar), aqueous uric acid, sea water, nitric acid, hydrochloric acid, sulfuric acid
Limitedly resistant to	hydrochloric acid emissions, sulphuric acid emissions, gasoline, beer, diesel fuel, methanol, milk, mineral oil, vegetable and animal oils, detergent
Not resistant to	-

Accessories		
Push-fit coupling	SMSKu-E-H0	231 50 ...
Push-fit elbow	SBSKu-EM-H0	232 60 ...
Clamp	clipfix-H0	231 70 ...

Risk analysis

The product has been manufactured and tested according to the harmonized standards 61386-1 and 61386-21 in the sense of harmonization legislation of the EU. All safety-relevant tests have been adhered to. This product poses no further risk.

Hotline

Since technical developments cannot be foreseen, electrical installations should provide the possibility to be expanded at any time.

Information can be obtained from our technical consultants at +49 9525 88-8123

